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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 6	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 8	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 13	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 14	DEC 18	CA/CAplus patent kind codes updated
NEWS 15	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 17	DEC 27	CA/CAplus enhanced with more pre-1907 records
NEWS 18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 23	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 24	JAN 29	PHAR reloaded with new search and display fields
NEWS 25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 26	FEB 13	CASREACT coverage to be extended
NEWS 27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS 28	Feb 15	RUSSIAPAT enhanced with pre-1994 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:13:26 ON 20 FEB 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:13:36 ON 20 FEB 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6
DICTIONARY FILE UPDATES: 19 FEB 2007 HIGHEST RN 921921-74-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

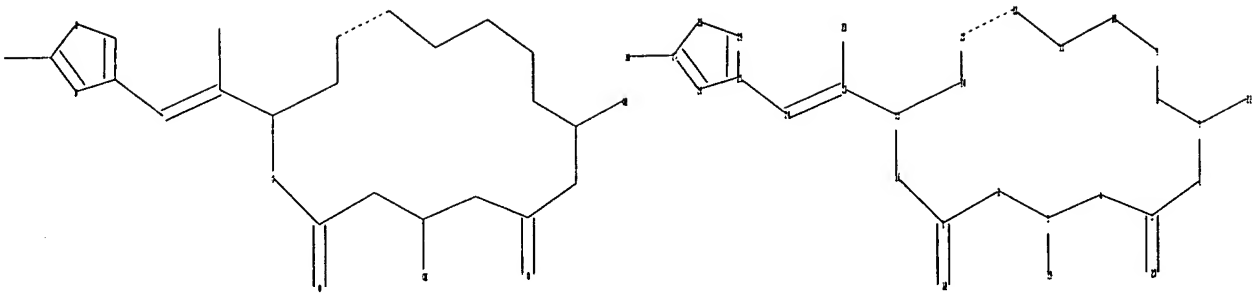
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10520766\Struc 2.str



chain nodes :
18 19 20 21 22 23 24 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 25 26 27 28 29
chain bonds :
1-18 3-19 5-20 7-21 15-22 22-23 22-24 24-25 27-30
ring bonds :
1-2 1-16 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14
14-15 15-16 25-26 25-29 26-27 27-28 28-29
exact/norm bonds :
1-2 1-16 1-18 2-3 3-4 3-19 4-5 5-6 5-20 6-7 7-8 7-21 8-9 9-10 10-11
11-12 12-13 13-14 14-15 15-16 25-26 25-29 26-27 27-28 28-29
exact bonds :
15-22 22-23 22-24 24-25 27-30

G1:O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

```
=> l1
SAMPLE SEARCH INITIATED 17:13:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       66 TO ITERATE

100.0% PROCESSED       66 ITERATIONS                              42 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          833 TO     1807
PROJECTED ANSWERS:             452 TO     1228

L2           42 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\10520766\Struc 3.str
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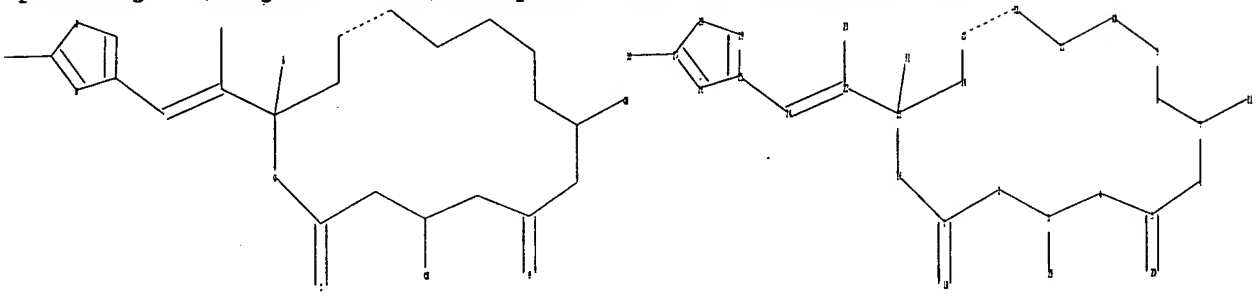

```
chain nodes :
18  19  20  21  22  23  24  30  31
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  25  26  27  28  29
chain bonds :
1-18  3-19  5-20  7-21  15-22  15-31  22-23  22-24  24-25  27-30
ring bonds :
1-2  1-16  2-3  3-4  4-5  5-6  6-7  7-8  8-9  9-10  10-11  11-12  12-13  13-14
14-15  15-16  25-26  25-29  26-27  27-28  28-29
exact/norm bonds :
1-2  1-16  1-18  2-3  3-4  3-19  4-5  5-6  5-20  6-7  7-8  7-21  8-9  9-10  10-11
11-12  12-13  13-14  14-15  15-16  15-31  25-26  25-29  26-27  27-28  28-29
exact bonds :
15-22  22-23  22-24  24-25  27-30


G1:O,N

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  18:CLASS  19:CLASS  20:CLASS
21:CLASS  22:CLASS  23:CLASS  24:CLASS  25:Atom  26:Atom  27:Atom  28:Atom  29:Atom
 30:CLASS  31:CLASS
10520766a.trn
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```
L3       STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3                STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> l3
SAMPLE SEARCH INITIATED 17:14:38 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        66 TO ITERATE

100.0% PROCESSED        66 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          833 TO     1807
PROJECTED ANSWERS:               0 TO        0

L4             0 SEA SSS SAM L3

=> l3 full
FULL SEARCH INITIATED 17:14:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      1276 TO ITERATE

100.0% PROCESSED     1276 ITERATIONS                                  6 ANSWERS
SEARCH TIME: 00.00.01

L5             6 SEA SSS FUL L3

=> file medline caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   172.55     172.76

FILE 'MEDLINE' ENTERED AT 17:14:48 ON 20 FEB 2007

FILE 'CAPLUS' ENTERED AT 17:14:48 ON 20 FEB 2007
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COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> l5
L6             5 L5

=> d ibib abs hitstr 1-5
```
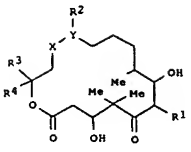

L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:60497 CAPLUS
DOCUMENT NUMBER: 140:111193
TITLE: Novel macrocycles for the treatment of cancer diseases
INVENTOR(S): Hoefle, Gerhard
PATENT ASSIGNEE(S): Gesellschaft Fuer Biotechnologische Forschung GmbH (GBF), Germany
SOURCE: PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007483	A1	20040122	WO 2003-EP7663	20030715
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10232094	A1	20040205	DE 2002-10232094	20020715
CA 2491422	A1	20040122	CA 2003-2491422	20030715
AU 2003250957	A1	20040202	AU 2003-250957	20030715
EP 1521750	A1	20050413	EP 2003-763869	20030715
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2005535669	T	20051124	JP 2004-520646	20030715
US 2006122241	A1	20060608	US 2005-520766	20050722
PRIORITY APPLN. INFO.:			DE 2002-10232094 A	20020715
			WO 2003-EP7663 W	20030715

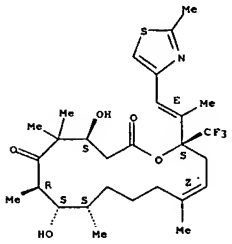
OTHER SOURCE(S): MARPAT 140:111193
GI



I

AB The invention relates to novel macrocycles I [R1 = C1-6-alkyl, C2-6-alkynyl, C2-6-alkenyl; R2 = H, C1-6-alkyl; XY = CH:CH, oxirane; R3 = halogen, C1-6-alkyl, C2-6-alkenyl, C1-6-heteroalkyl, CF3; R4 = bicycloaryl, bicycloheteroaryl, CR5:CHR6; R5 = H, Me; R6 = substituted aryl, heteroaryl], or a pharmaceutically acceptable, salt, solvate or hydrate thereof, and to the use thereof in the treatment of cancer diseases.
IT 647835-14-1 647835-16-3
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(novel macrocyclic lactones for the treatment of cancer diseases)
RN 647835-14-1 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-16-(trifluoromethyl)-, (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

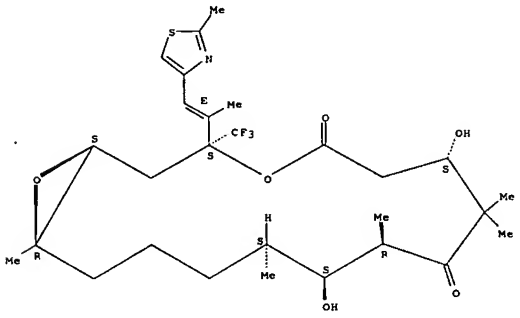
Absolute stereochemistry.
Double bond geometry as shown.



RN 647835-16-3 CAPLUS

L6 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-8,8,10,12,16-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-3-(trifluoromethyl)-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

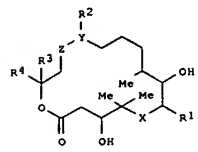


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:60492 CAPLUS
DOCUMENT NUMBER: 140:111192
TITLE: Preparation of epothilone derivatives for therapeutic use in the treatment of cancer and other cell proliferation diseases
INVENTOR(S): Hoefle, Gerhard
PATENT ASSIGNEE(S): Gesellschaft Fuer Biotechnologische Forschung mbH (GBF), Germany
SOURCE: PCT Int. Appl., 12 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004007476	A1	20040122	WO 2003-EP6066	20030610
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10232094	A1	20040205	DE 2002-10232094	20020715
AU 2003246409	A1	20040202	AU 2003-246409	20030610
PRIORITY APPLN. INFO.:			DE 2002-10232094 A	20020715
			WO 2003-EP6066 W	20030610

GI

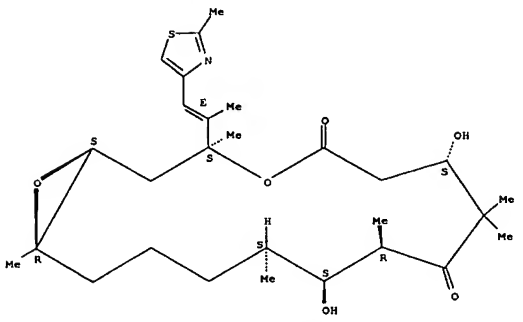


I

AB This invention relates to the preparation of epothilone derivs., such I [X = CO, SO; X = CO, if R3 = H; Y-Z = C:CH, 2,3-oxirandiyl(epoxide) ring; R1 = alkyl, alkenyl; R2 = H, alkyl; R3= H, alkyl, alkenyl; R4 = bicycloaryl, bicycloheteroaryl, -C(R5)=CH-R6; R5= H, Me; R6 = aryl, heteroaryl], and their use as antitumor and cytotoxic therapeutic agents. Detailed synthesis and biol. testing data was not presented.
IT 219989-77-2P, 15-Methylepothilone B
RL: PNU (Preparation, unclassified); THU (Therapeutic use); BIOL

L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(Biological study); PREP (Preparation); USES (Uses)
(prepn. of epothilone deriva. for therapeutic use in the treatment of cancer and other cell proliferation diseases)
RN 219989-77-2 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:716079 CAPLUS
DOCUMENT NUMBER: 137:242152
TITLE: Combination of epothilone analogs and chemotherapeutic agents for the treatment of proliferative diseases
INVENTOR(S): Lee, Francis Y. F.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 125 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002072085	A1	20020919	WO 2002-US6746	20020305
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2440555	A1	20020919	CA 2002-2440555	20020305
US 2003073677	A1	20030417	US 2002-91061	20020305
EE 200300440	A	20031215	EE 2003-440	20020305
EP 1383490	A1	20040128	EP 2002-717548	20020305
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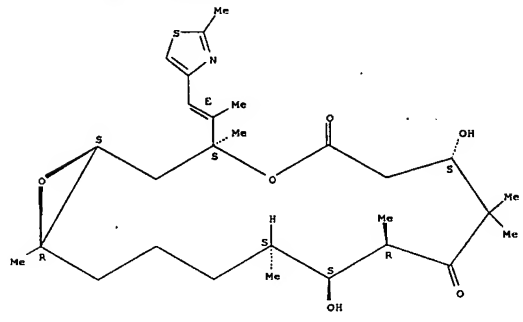
BR 2002007961	A	20040420	BR 2002-7961	20020305
CN 1496256	A	20040512	CN 2002-806571	20020305
HU 200400203	A2	20040830	HU 2004-203	20020305
JP 2004529904	T	20040930	JP 2002-571044	20020305
BG 108137	A	20050131	BG 2003-108137	20030828
ZA 2003007123	A	20041213	ZA 2003-7123	20030911
NO 2003004056	A	20031105	NO 2003-4056	20030912
US 2004214871	A1	20041028	US 2004-850072	20040520
US 2005159461	A1	20050721	US 2004-9579	20041210

PRIORITY APPLN. INFO.:	US 2001-275801P	P	20010314
	US 2001-316395P	P	20010831
	US 2002-91061	A3	20020305
	WO 2002-US6746	W	20020305

OTHER SOURCE(S): MARPAT 137:242152
AB The invention discloses use of a combination of epothilone analogs and antitumor agents for the treatment and prevention of proliferative disorders.
IT 219989-77-2 219989-79-4 219989-80-7
219989-81-8

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(combination of epothilone analogs and antitumor agents for treatment of proliferative diseases)
RN 219989-77-2 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

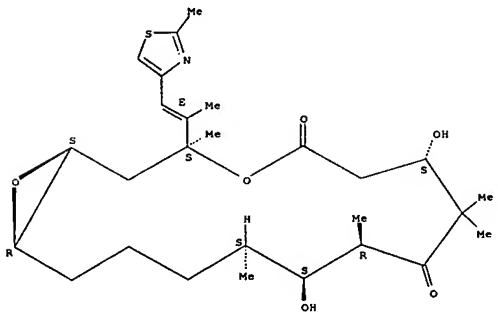
Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-79-4 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

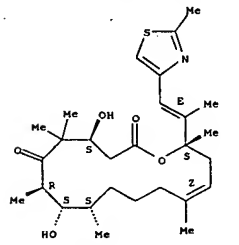
Absolute stereochemistry.
Double bond geometry as shown.

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



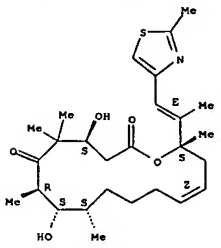
RN 219989-80-7 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-81-8 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

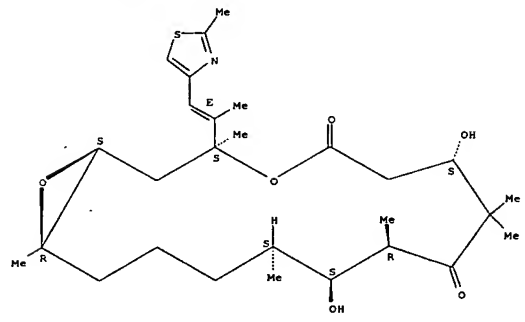
L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:657954 CAPLUS
DOCUMENT NUMBER: 137:195554
TITLE: Treatment of refractory tumors using epothilone derivatives
INVENTOR(S): Lee, Francis Y. F.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002066038	A1	20020829	WO 2002-US4255	20020206
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2438610	A1	20020829	CA 2002-2438610	20020206
EE 200300396	A	20031215	EE 2003-396	20020206
HU 200303175	A2	20031229	HU 2003-3175	20020206
EP 1385529	A1	20040204	EP 2002-714885	20020206
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004522774	T	20040729	JP 2002-565596	20020206
BR 2002007487	A	20040810	BR 2002-7487	20020206
CN 1774253	A	20060517	CN 2002-805251	20020206
US 2002165258	A1	20021107	US 2002-72123	20020208
US 6686380	B2	20040203		
BG 108075	A	20050430	BG 2003-108075	20030807
ZA 2003006173	A	20041123	ZA 2003-6173	20030808
NO 2003003684	A	20031013	NO 2003-3684	20030819
PRIORITY APPLN. INFO.:			US 2001-269836P	P 20010220
			WO 2002-US4255	W 20020206

OTHER SOURCE(S): MARPAT 137:195554
AB Methods of treating tumors in a mammal, especially a human that has demonstrated
resistance to other chemotherapeutic agents, is disclosed. Specifically, methods of the present invention are effective in tumors that have initially been unresponsive to taxane therapy, or have developed resistance during the course of treatment. The methods of the present invention comprise administering epothilone derivs. selected from those represented by the formula. The subject epothilone derivs. are advantageous in addition to their enhanced potency and effectiveness against
tumors that have demonstrated resistance to therapy with taxane oncol.

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
agents in that they are efficacious upon oral administration.
IT 219989-77-2 219989-79-4 219989-80-7
219989-81-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(treatment of refractory tumors using epothilone derivs. in relation to
mechanism and drug resistance)
RN 219989-77-2 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

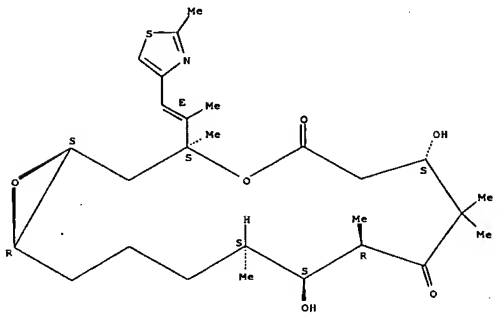
Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-79-4 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

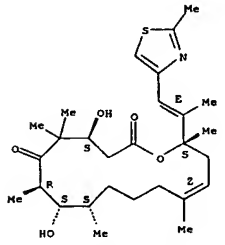
Absolute stereochemistry.
Double bond geometry as shown.

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



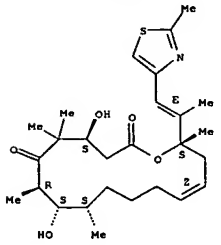
RN 219989-80-7 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-81-8 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-
(9CI) (CA INDEX NAME)

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
Absolute stereochemistry.
Double bond geometry as shown.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:64791 CAPLUS
DOCUMENT NUMBER: 130:139205
TITLE: syntheses of epothilone derivatives and intermediates for use in treatment of hyperproliferative cellular disease
INVENTOR(S): Vite, Gregory D.; Borzilleri, Robert M.; Kim, Soong-hoon; Johnson, James A.
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9902514	A2	19990121	WO 1998-US12550	19980616
WO 9902514	A3	20010510		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6605599	B1	20030812	US 1998-84542	19980526
CA 2296012	A1	19990121	CA 1998-2296012	19980616
AU 9879720	A	19990208	AU 1998-79720	19980616
AU 731497	B2	20010329		
EP 1019389	A2	20000719	EP 1998-930300	19980616
EP 1019389	B1	20051109		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9810555	A	20000815	BR 1998-10555	19980616
EE 200000013	A	20000815	EE 2000-13	19980616
EE 4566	B1	20051215		
TR 200000065	T2	20001121	TR 2000-200000065	19980616
NZ 501198	A	20010928	NZ 1998-501198	19980616
JP 2002512634	T	20020423	JP 1999-508673	19980616
HU 200103111	A2	20020429	HU 2001-3111	19980616
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EP 1493738	A1	20050105	EP 2004-21059	19980616
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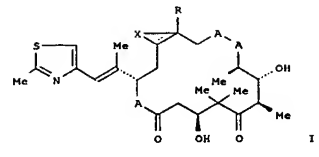
AT 309236	T	20051115	AT 1998-930300	19980616
IL 133613	A	20051120	IL 1998-133613	19980616
RO 120340	B1	20051230	RO 1999-1332	19980616

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

ES 2251088	T3	20060416	ES 1998-930300		19980616
TW 562802	B	20031121	TW 1998-87110722		19980702
ZA 9805938	A	20000110	ZA 1998-5938		19980706
MX 9911452	A	20000630	MX 1999-11452		19991209
LT 4743	B	20001227	LT 1999-153		19991223
NO 2000000076	A	20000107	NO 2000-76		20000107
NO 322494	B1	20061016			
BG 64952	B1	20061031	BG 2000-104068		20000110
LV 12569	B	20010420	LV 2000-17		20000202
HK 1026905	A1	20060331	HK 2000-106086		20000926
US 2003220295	A1	20031127	US 2003-405886		20030403
US 7125899	B2	20061024			
US 2006287371	A1	20061221	US 2006-512623		20060830
PRIORITY APPLN. INFO.:			US 1997-51951P	P	19970708
			US 1997-67524P	P	19971204
			US 1998-84542	A1	19980526
			EP 1998-930300	A3	19980616
			WO 1998-US12550	W	19980616
			US 2003-405886	A1	20030403

OTHER SOURCE(S): MARPAT 130:139205
GI .



I

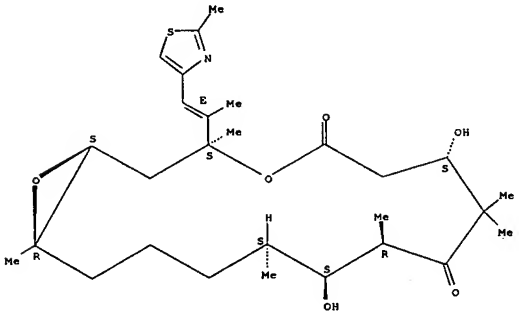
AB Syntheses of epothilone derivs. (I) (R = H, Me; A = CH2, O, NH; X = H when bond double, α-epoxy when bond single) and intermediates for use in treatment of hyperproliferative cellular disease are described.

IT 219989-77-2 219989-79-4 219989-80-7
219989-81-8
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)
(syntheses of epothilone analogs and intermediates for use in treatment of hyperproliferative cellular disease)

RN 219989-77-2 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12,16-hexamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

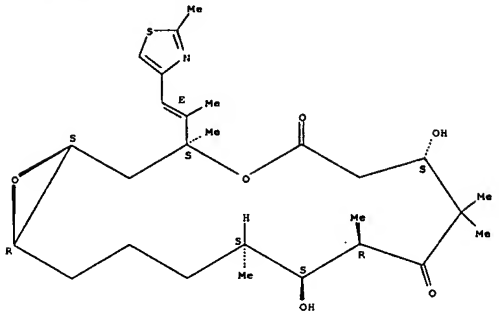
Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-79-4 CAPLUS
CN 4,17-Dioxabicyclo[14.1.0]heptadecane-5,9-dione, 7,11-dihydroxy-3,8,8,10,12-pentamethyl-3-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (1S,3S,7S,10R,11S,12S,16R)- (9CI) (CA INDEX NAME)

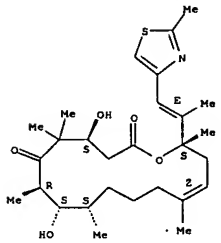
Absolute stereochemistry.
Double bond geometry as shown.

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 219989-80-7 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,13,16-hexamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-
(9CI) (CA INDEX NAME)

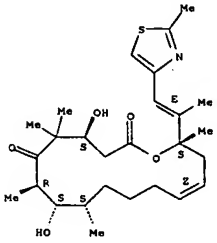
Absolute stereochemistry.
Double bond geometry as shown.



RN 219989-81-8 CAPLUS
CN Oxacyclohexadec-13-ene-2,6-dione, 4,8-dihydroxy-5,5,7,9,16-pentamethyl-16-

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (4S,7R,8S,9S,13Z,16S)-
(9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	27.33	200.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.90	-3.90

STN INTERNATIONAL LOGOFF AT 17:15:42 ON 20 FEB 2007